

Dimensions of Engines.

Horse-Power	Cylinder	Stroke	Pulley	Revolutions
6	5½	7	29	325
8	6½	8	32	300
10	7½	8	37	250
12	7½	8	37	250
16	8½	10	40	240
18	8½	11	42	230
20 Plain	9	12	50	180
20 Tract.	9	11	44	220

Sizes:

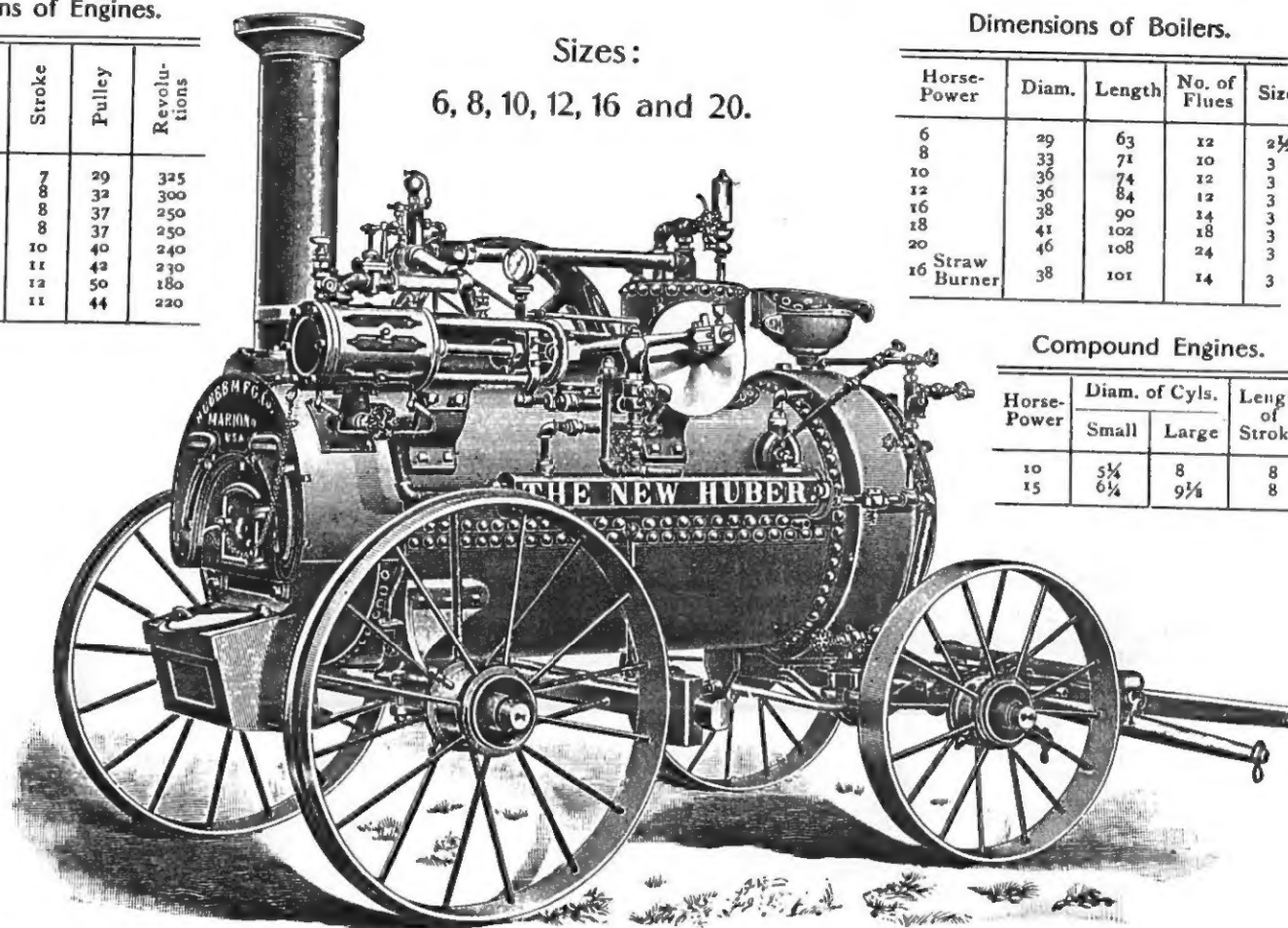
6, 8, 10, 12, 16 and 20.

Dimensions of Boilers.

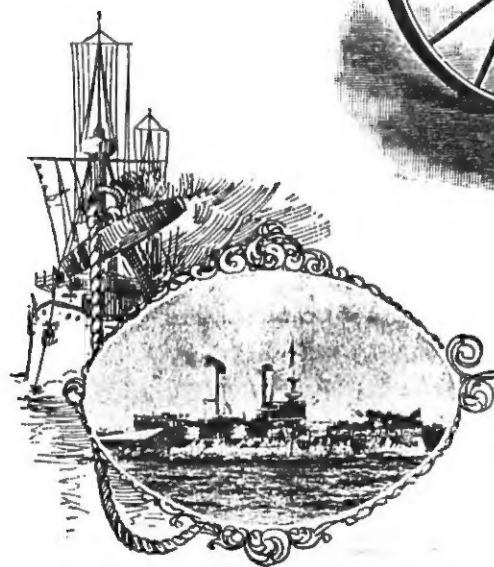
Horse-Power	Diam.	Length	No. of Flues	Size
6	29	63	12	2¼
8	33	71	10	3
10	36	74	12	3
12	36	84	12	3
16	38	90	14	3
18	41	102	18	3
20	46	108	24	3
16 Straw Burner	38	101	14	3

Compound Engines.

Horse-Power	Diam. of Cyls.		Length of Stroke
	Small	Large	
10	5½	8	8
15	6½	9½	8



Standard Engines on Wheels.



IOWA.

May 31.—The battleships Massachusetts and Iowa, and the cruiser New Orleans, engaged the Spanish flagship Cristobal Colon and the land batteries guarding Santiago harbor. Spanish troops defeated by Philippine insurgents at Zapote River.